

A B S T R A C T

METHOD OF SYNTHESIZING A CRYSTALLINE MATERIAL, AND
MATERIAL THUS OBTAINED

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The invention provides a method of synthesizing a crystalline material in which seeds (6) are produced of a catalyst that is adapted to dissolve carbon on a substrate (2) of a first material; carbon nanotubes (6) are grown from the seeds (6); and a layer is produced of a second material comprising at least one monocrystalline region (12) orientated from a seed (6). The invention also provides the material obtained by said method. Application to the synthesis of polycrystalline silicon on a glass substrate.

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